

INSTALLATION AND OPERATION GUIDE FOR HARGROVE GAS LOGS CPE-PCK

PO

If you purchased a natural gas log set but will be operating it with propane gas, please follow these conversion instructions for proper conversion and operation.

NOTE: ALL PROPANE GAS SETS MUST HAVE A PILOT CONTROL (NOT INCLUDED IN THIS CONVERSION KIT) INSTALLED. IF YOUR SET DOES NOT HAVE A PILOT CONTROL, CONTACT YOUR GAS LOG DEALER BEFORE INSTALLING OR USING THE GAS LOG SET.

GENERAL INFORMATION

DO NOT USE A NATURAL GAS SET FOR PROPANE GAS OR A PROPANE SET FOR NATURAL GAS. WHEN USING PROPANE GAS AN AUTOMATIC PILOT SYSTEM MUST BE INSTALLED.

1. There are many different local codes for fireplaces and gas logs. The installation of this set must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1
2. This conversion kit is supplied with an orificed air mixer. Failure to use or manipulate the orifices will void the factory warranty.
3. When glass fireplace doors are used, always operate the gas log set with the doors fully open to allow for proper combustion air.
4. The fire screen must be in place when the log set is in use.
5. The appliance and its individual shut-off valve must be disconnected from the gas supply system at test pressures in excess of 1/2 psig. The appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of gas supply system at test pressures equal to or less than 1/2 psig.
6. Minimum inlet supply pressure for propane gas is 11" water column. Maximum inlet supply pressure for propane gas is 13" water column.
7. After burning, the logs become fragile and should not be handled. Knocking or rubbing the logs can cause the concrete to crumble and is not covered under the warranty.
8. Use a soft, dry paintbrush for periodic dusting of the gas fire logs. Special care must be taken to clean Birch series logs because rubbing will remove soot and also remove the white pigments.
9. Do not burn wood with this set.

NOTE

ADEQUATE FIREPLACE VENTILATION AND DRAFT IS REQUIRED FOR SAFETY. IT IS THE HOMEOWNER'S RESPONSIBILITY TO ASSURE THAT THE FIREPLACE DRAFTS PROPERLY.

GAS LOGS MUST BE INSTALLED BY PERSONNEL QUALIFIED FOR INSTALLING GAS APPLIANCES.

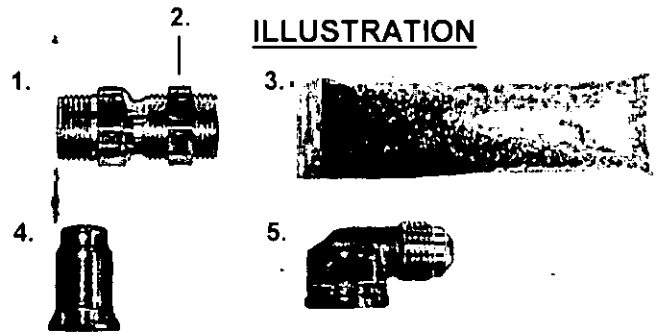
READ INSTRUCTIONS COMPLETELY PRIOR TO INSTALLING AND OPERATING THIS APPLIANCE.

INSTALLER, LEAVE THESE INSTRUCTIONS WITH THE CONSUMER.

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PARTS LIST

PART NUMBER	DESCRIPTION
1. AM 3/8X3/8	AIR MIXER
2. AM-N	AIR MIXER NUT
3. VM (2 -30" or more)	VERMICULITE
4. RSPOS-10	PILOT ORIFICE
5. 50-6-6	3/8 X 3/8 BRASS ELBOW



INSTALLATION AND OPERATION

NOTE: If you have an external thread burner pan, contact Hargrove to get correct air mixer fitting.

1. Remove the embers and set them aside. Discard the sand from ember burner material.
2. Remove the natural gas pilot orifice from the pilot assembly (RSTPB-18) and replace it with the LP pilot orifice. (See Figure 1)
3. Position the burner so the burner pipe is facing you. Install the AIR MIXER on the right end of the burner pan.
4. Connect the 50-6-6 brass fitting to the end of the AIR MIXER.
5. Refer to the Concentric Pilot Control Installation Instructions for further pilot control installation steps.
6. Fill the burner pan with VM (vermiculite) so that the burner pipe is completely covered and the level is evenly sloped with the sides of the ember burner pan, then proceed to place part B embers on top. (See Figure 3)
7. See CPC lighting instructions to light pilot burner.
8. The color of the flame can be changed by turning the air-adjusting nut. When the holes in the air mixer can be seen it is open and the flame will burn a light yellow. This position will produce the least amount of soot. When closed the flame will burn a yellow-orange color and produce more soot. It is recommended that the air mixer be completely open.

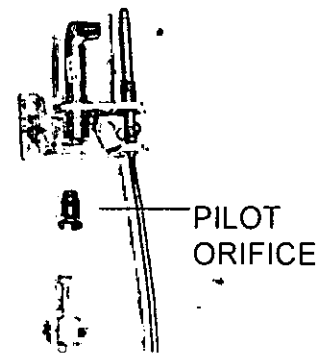


FIGURE 2

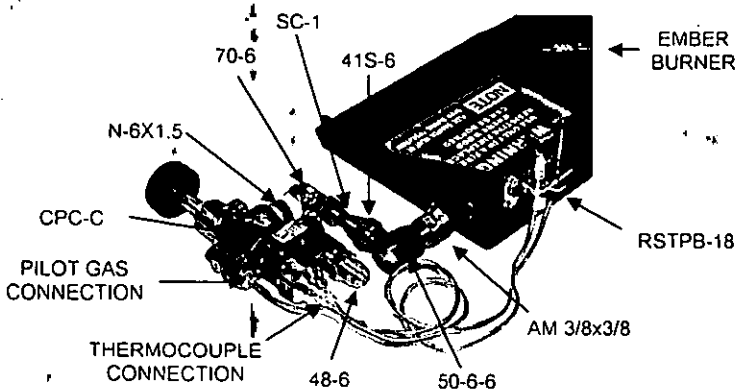


FIGURE 3

